

ABSTRACT

THE EFFECTS OF HEALTH EDUCATION WITH ELECTRONIC GAME ON BRUSHING TEETH BEHAVIOR 2ND GRADE STUDENT AT MI HJ. ASFIYAH SURABAYA

Pra Experiment Study

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School age children is the group of age prone to dental and oral disease, especially caries. Most of the students who suffer from cavities are caused by the lack of knowledge about how to keep teeth and oral's health. One way to improve their knowledg is using health education about brushing teeth. The objective of this study was to analyze the effects of health education with electronic game on teeth brushing behavior 2nd grade at MI Hj. Asfiyah Surabaya.

A Pre-experimental study (one group pre-post test design) was used in this study. The populations were 25 students of 2nd grade. Total 25 respondents, whom chosen by total sampling method. The variable independent was health education with electronic game whereas dependent variable were the change of brushing teeth habit. Data were collected by using questionnaire. *Wilcoxon Signed Rank Test* was used to analyzed with ($\alpha=0.05$).

The results showed that there were significant effects of health education with electronic game to respondents knowledge ($p=0.000$), attitudes ($p=0.000$) and action ($p=0.000$)

Health education of teeth brushing for the school age children can use electronic game. Nurse can apply this media to have a more attractive way in giving health education to advance teeth brushing behavior on school aged children.

Keywords: brushing teeth, electronic game, knowledge, attitudes, action,
school aged children